

Date first production: 5/4/77

FILE NOTATIONS

Entered in N I D File ✓
 Entered On S R Sheet _____
 Location Map Pinned _____
 Card Indexed ✓
 I W R for State or Fee Land _____

Checked by Chief _____
 Copy N I D to Field Office _____
 Approval Letter _____
 Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 5/4/77
 OW ✓ WW _____ TA _____
 GW _____ OS _____ PA _____

Location Inspected _____
 Bond released _____
 State of Fee Land _____

LOGS FILED

Driller's Log ✓
 Electric Logs (No.) ✓

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____
 Lat _____ Mi-L _____ Sonic _____ Others _____

1-8-9
 VU

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-372	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO	
2. NAME OF OPERATOR THE SUPERIOR OIL COMPANY		7. UNIT AGREEMENT NAME McELMO CREEK UNIT	
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, COLORADO 81321		8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 705' FNL, 604' FEL, SECTION 31, T40S, R25E, SLB&M At proposed prod. zone		9. WELL NO. MCU M-09	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4.1 Miles NW of Aneth, Utah		10. FIELD AND POOL, OR WILDCAT GREATER ANETH	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 650'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SECTION 31, T40S, R25E	
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH SAN JUAN	
17. NO. OF ACRES ASSIGNED TO THIS WELL		13. STATE UTAH	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1200'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4841' Ungraded Ground Level		22. APPROX. DATE WORK WILL START* March 20, 1977	

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	1650'	To Surface
7-7/8"	5-1/2"	14 & 15.5#	5725'	250 Sacks

1. Drill 12-1/4" hole to 1650'. Set 8-5/8" casing to 1650' and cement to surface
2. Drill 7-7/8" hole through Desert Creek Zone I approximately 5725'
3. Log well.
4. Set 5-1/2" casing at 5725' and cement with 250 sacks.
5. Perforate Ismay and Desert Creek and stimulate based on log evaluation.

This well is a part of a 40-acre infill drilling program now underway at McElmo Creek Unit.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 2-28-77

BY: C. D. Light

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED <u>Charles L. Hill</u> TITLE <u>Sr. Area Engineer</u> DATE <u>February 18, 1977</u>	
(This space for Federal or State office use)	
PERMIT NO. <u>43-037-30352</u>	APPROVAL DATE
APPROVED BY <u>Lawrence #132-2</u> TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:	

CLH/1h

Orig. + 3 - USGS, State (2), J. K. Lawson, W. N. Mosley, J. M. Moter, D. H. Collins, W. J. Mann
Navajo Tribe, WIO, File

*See Instructions On Reverse Side

SUPPLEMENT TO FORM 9-331C

WELL: MCU #M-09.

SURFACE FORMATION WHERE PROPOSED DRILLING IS TO TAKE PLACE: Cedar Mesa

ESTIMATED FORMATION TOPS: (Measured from KB)

Chinle	1620'
DeChelly	2780'
Ismay	5491'
Gothic Shale	5624'
Desert Creek	5634'

WATER BEARING FORMATIONS: Water is expected to be encountered intermittently from 400' to 1620'.

HYDROCARBON BEARING FORMATIONS: Oil and gas are expected to be encountered intermittently from 5500' to 5725'.

MUD PROGRAM: Surface to 2000' - Water.

2000' to 5500' - Lignosulfonate or similar mud system; no water loss control, weighted as necessary with Barite.

5500' to TD - Lignosulfonate or similar mud system; 15 cc water loss, weighted as necessary with Barite.

CEMENT PROGRAM: Surface - 100 sx Thix Set cement w/2% CaCl (15.6 ppg, 5.75 water/sx, 1.18 yield) followed by 500 sx Pozmix w/0.6% Halad-22 & 2% CaCl (14.15 ppg, 5.75 water/sx 1.26 yield) and 100 sx Class "B" w/2% CaCl (15.6 ppg, 5.2 gal water/sx, 1.18 yield).

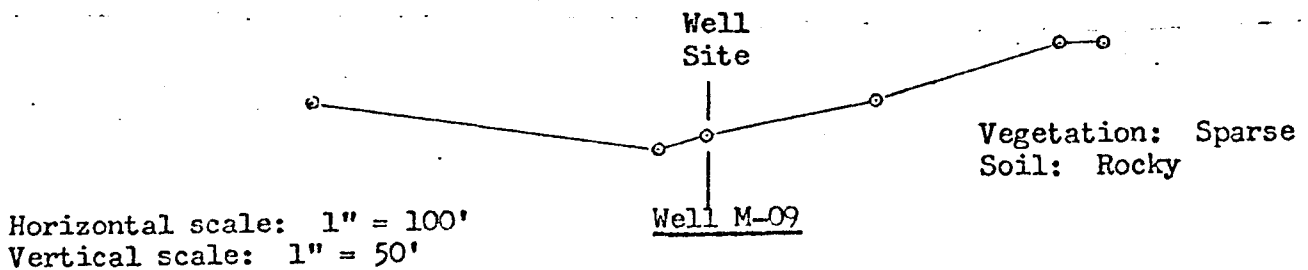
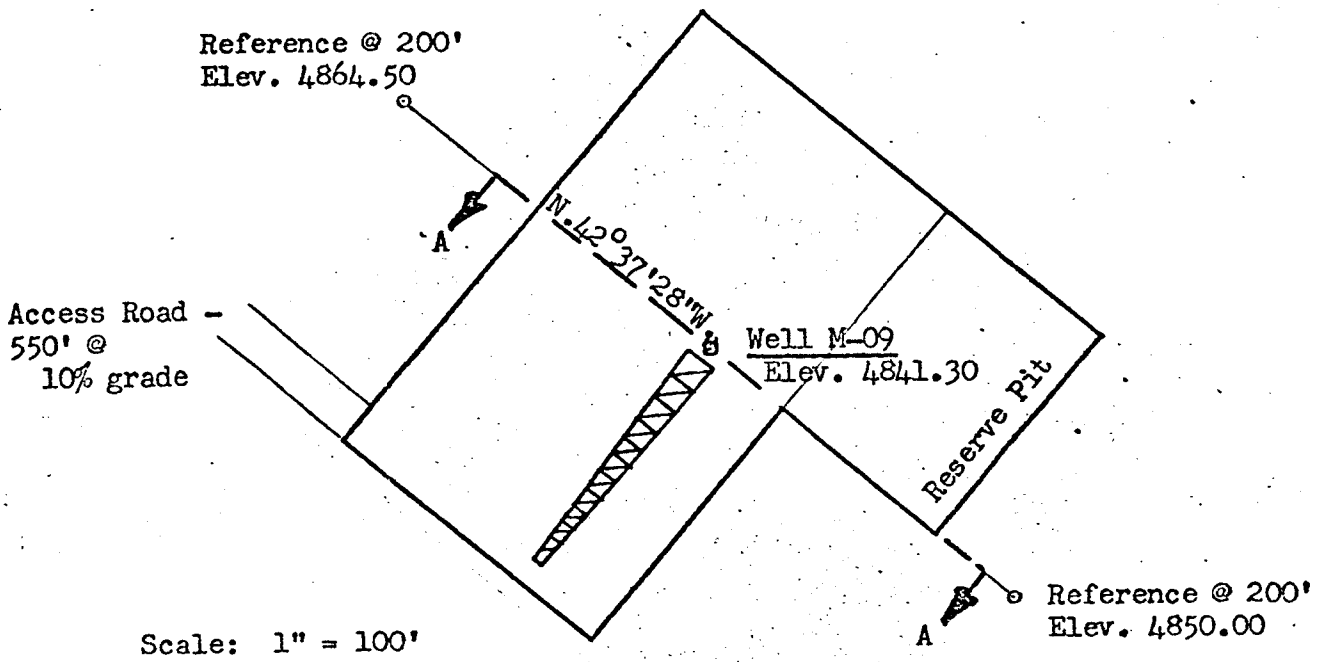
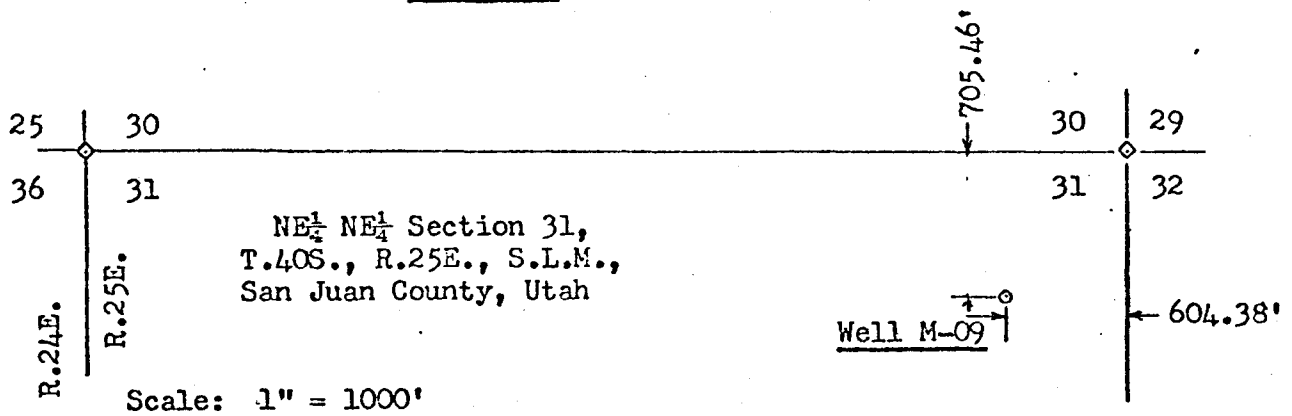
Production - 250 sx Class "B" with 5#/sx salt, 1/2#/sx Firm Set and 3.4% CFR-2.

LOGGING PROGRAM: CNL/DENSITY/GR - TD to 5200'.

PRESSURE CONTROLS: Blowout preventer equipment will be 10" Series 600 with blind rams and drill pipe rams hydraulically and manually controlled. The blowout equipment will be tested at regular intervals. A schematic of the pressure control equipment can be seen on the following page. The mud system will be monitored by visual inspection.

Well M-09

Superior Oil Company
February 7, 1977



KNOW ALL MEN BY THESE PRESENTS:

That I, Fredric P. Thomas, do hereby certify that I prepared this plat from an actual and accurate survey of the land and that the same is true and correct to the best of my knowledge and belief.

Fredric P. Thomas

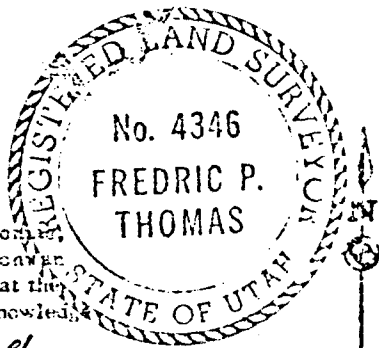
Fredric P. Thomas
Reg. L.S. and P.E.
Colo. Reg. No. 6524

Utah Reg. No. 4346

Bearing by
solar
observation

Scale: 1" =
600'

Corners
are 1 1/2" x 1/2" rebar



THOMAS Engineering Inc.

432 N. Broadway
Cortez, Colorado
81305

F225

H225

K230
S.I.

M230

K229
S.I.

R-06

THE SUPERIOR OIL CO.
CORTZ-CASPER DISTRICT
ENGINEERING DEPARTMENT

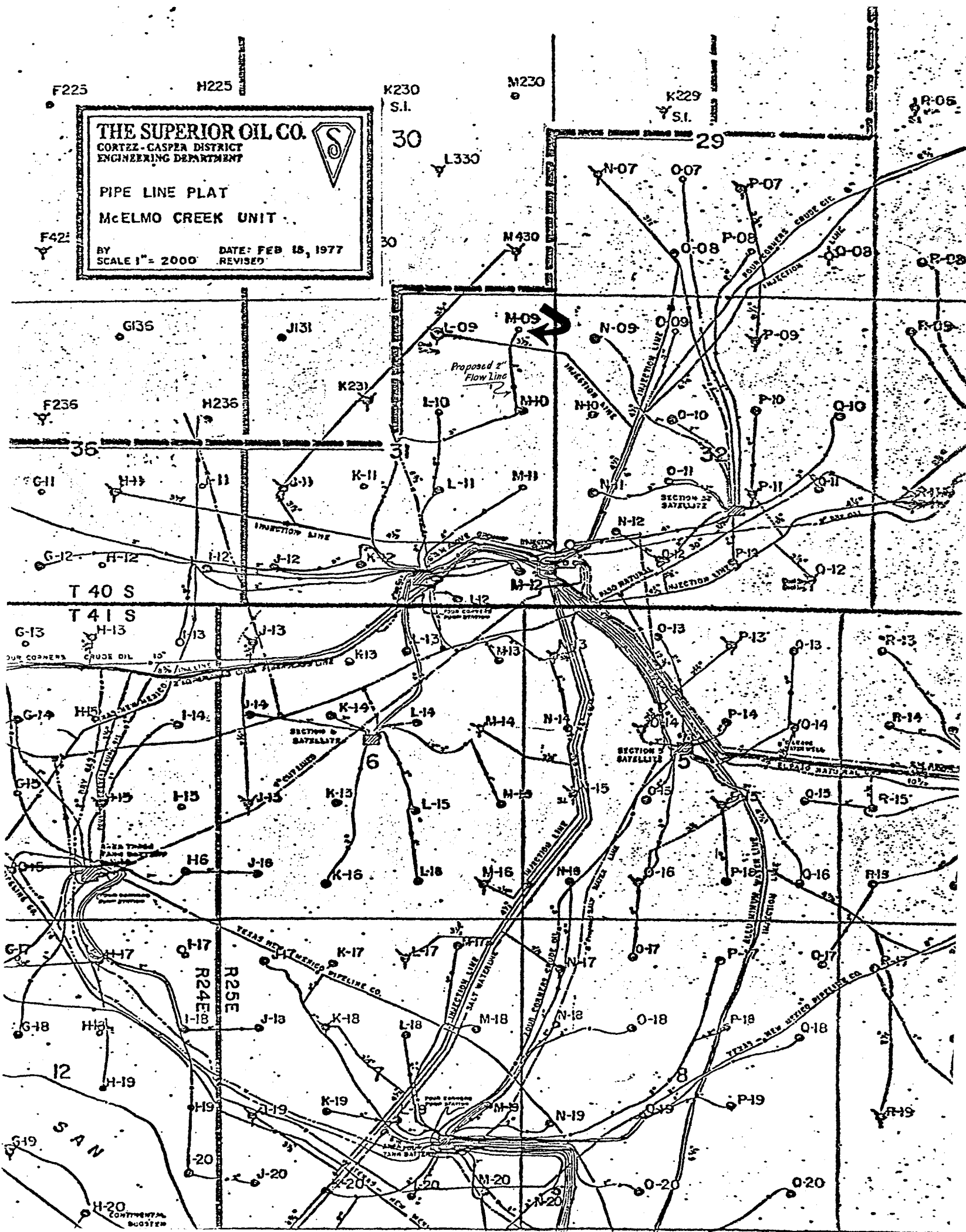


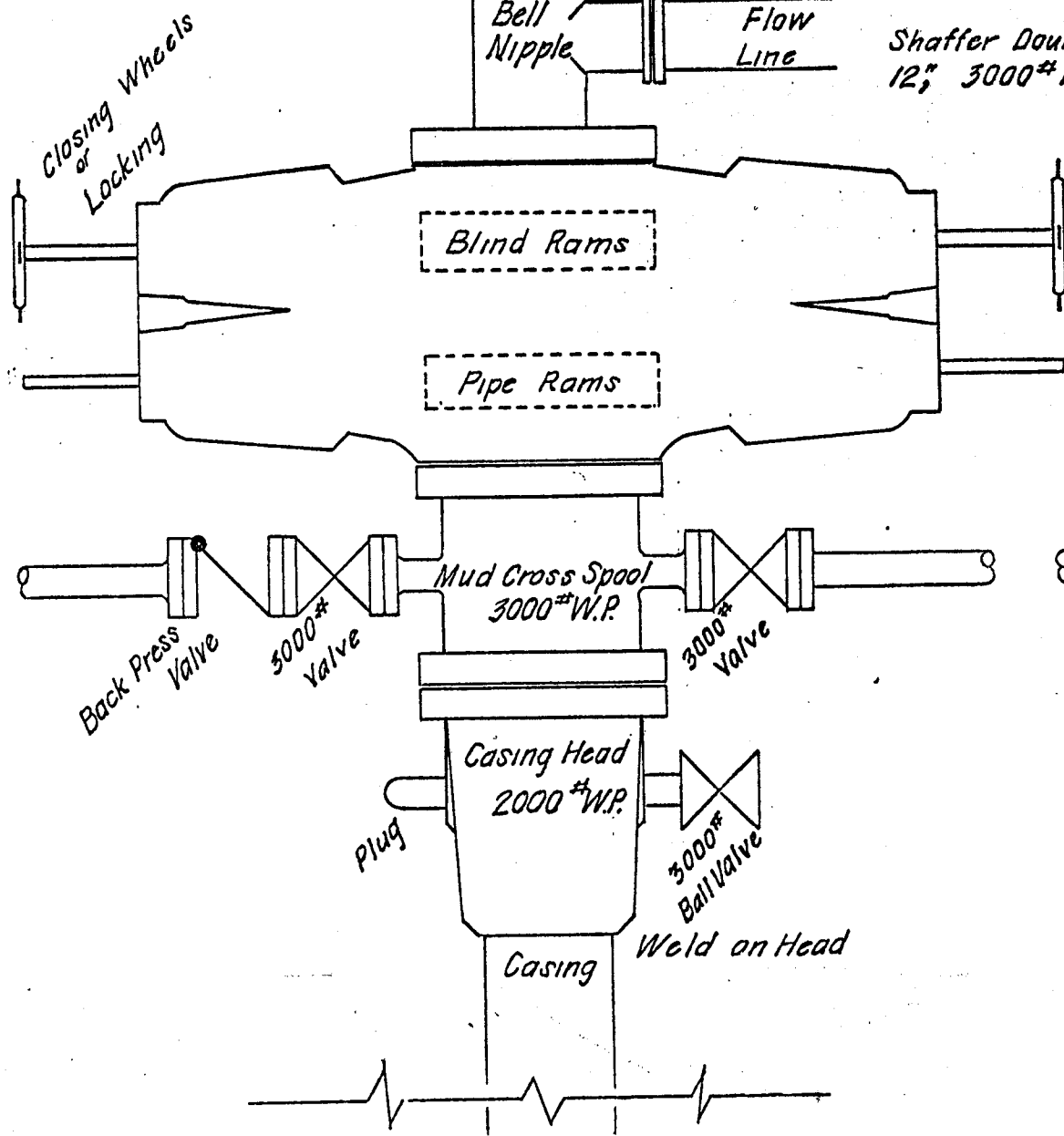
PIPE LINE PLAT

McELMO CREEK UNIT

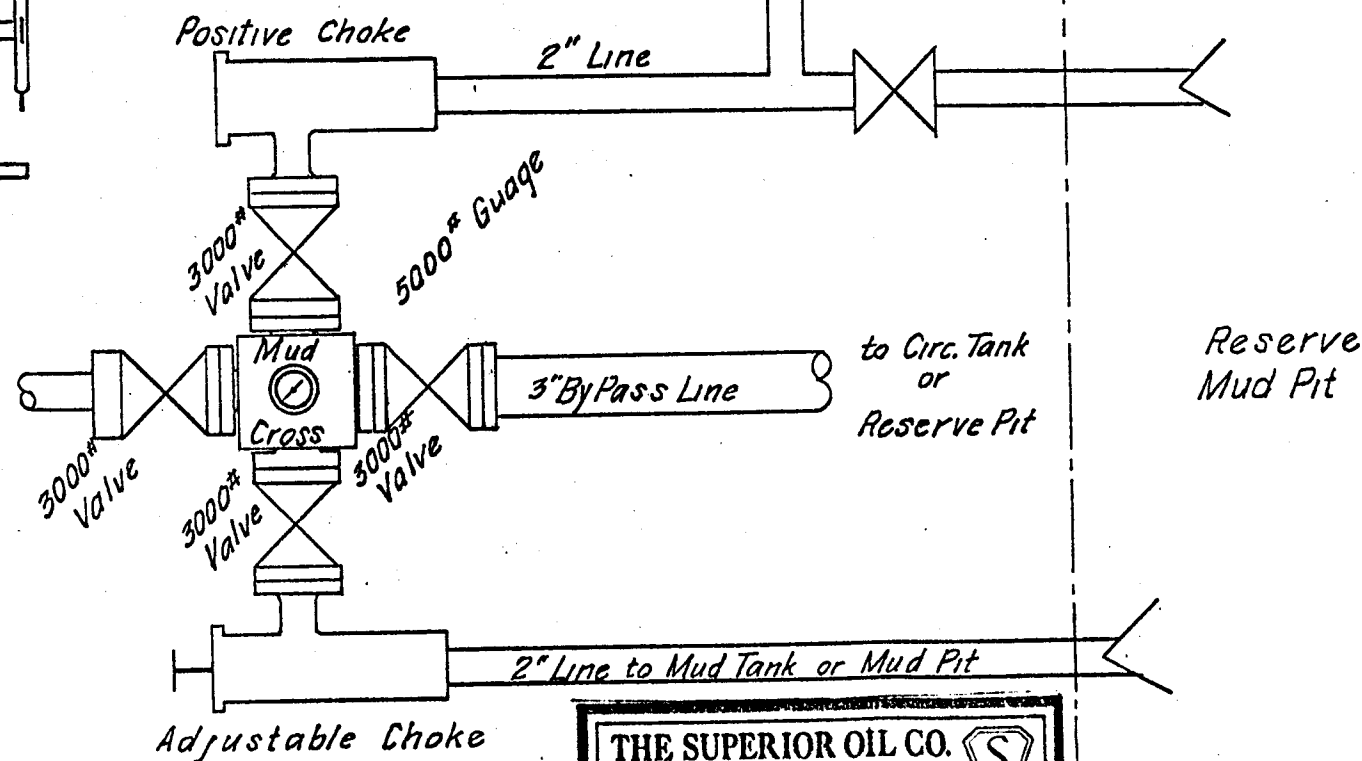
BY SCALE 1" = 2000' DATE: FEB 18, 1977
REVISED

F422





*Shaffer Double Gate Blow Out Preventer
12" 3000# W.P., 6000# Test, Type E*



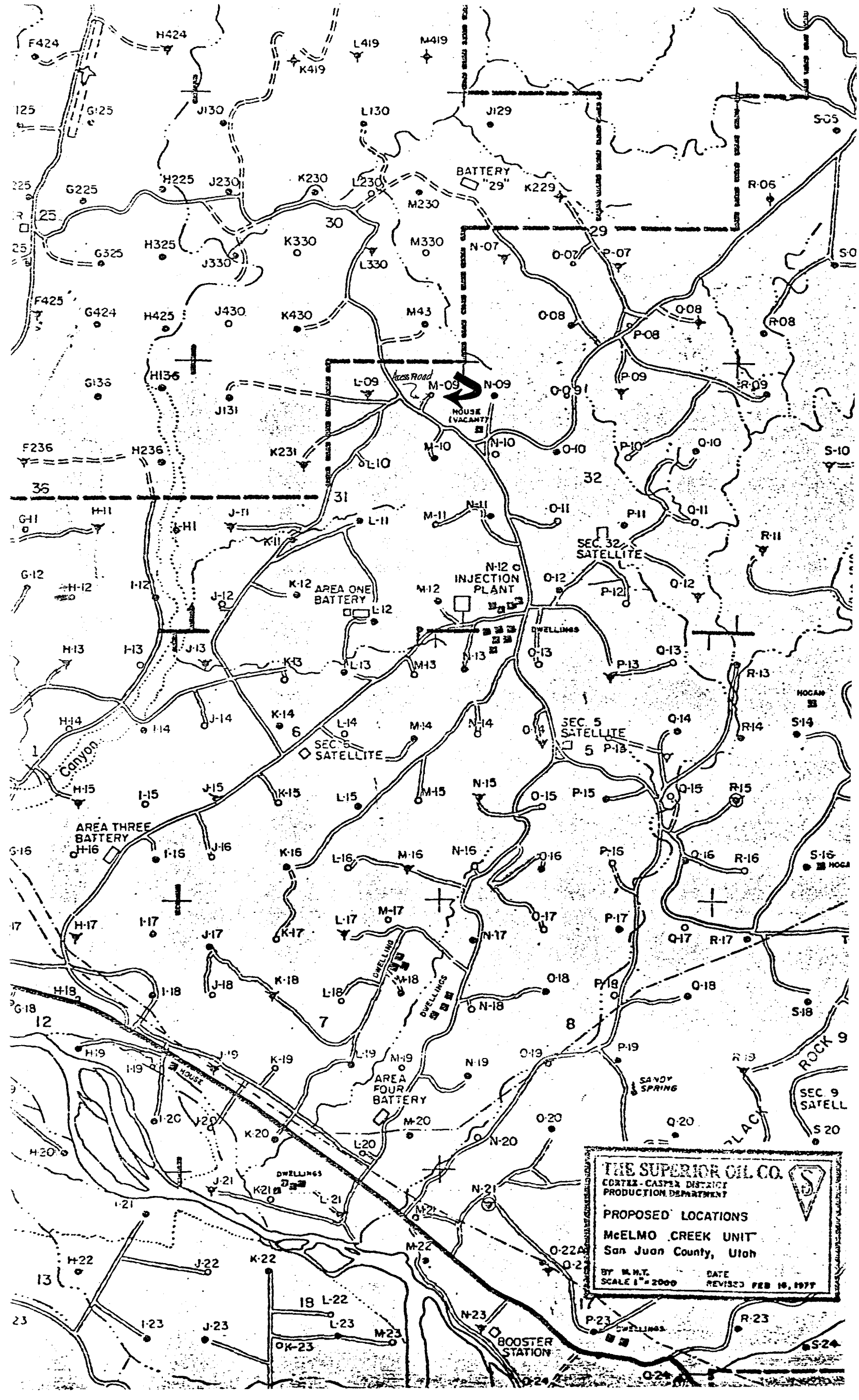
THE SUPERIOR OIL CO.

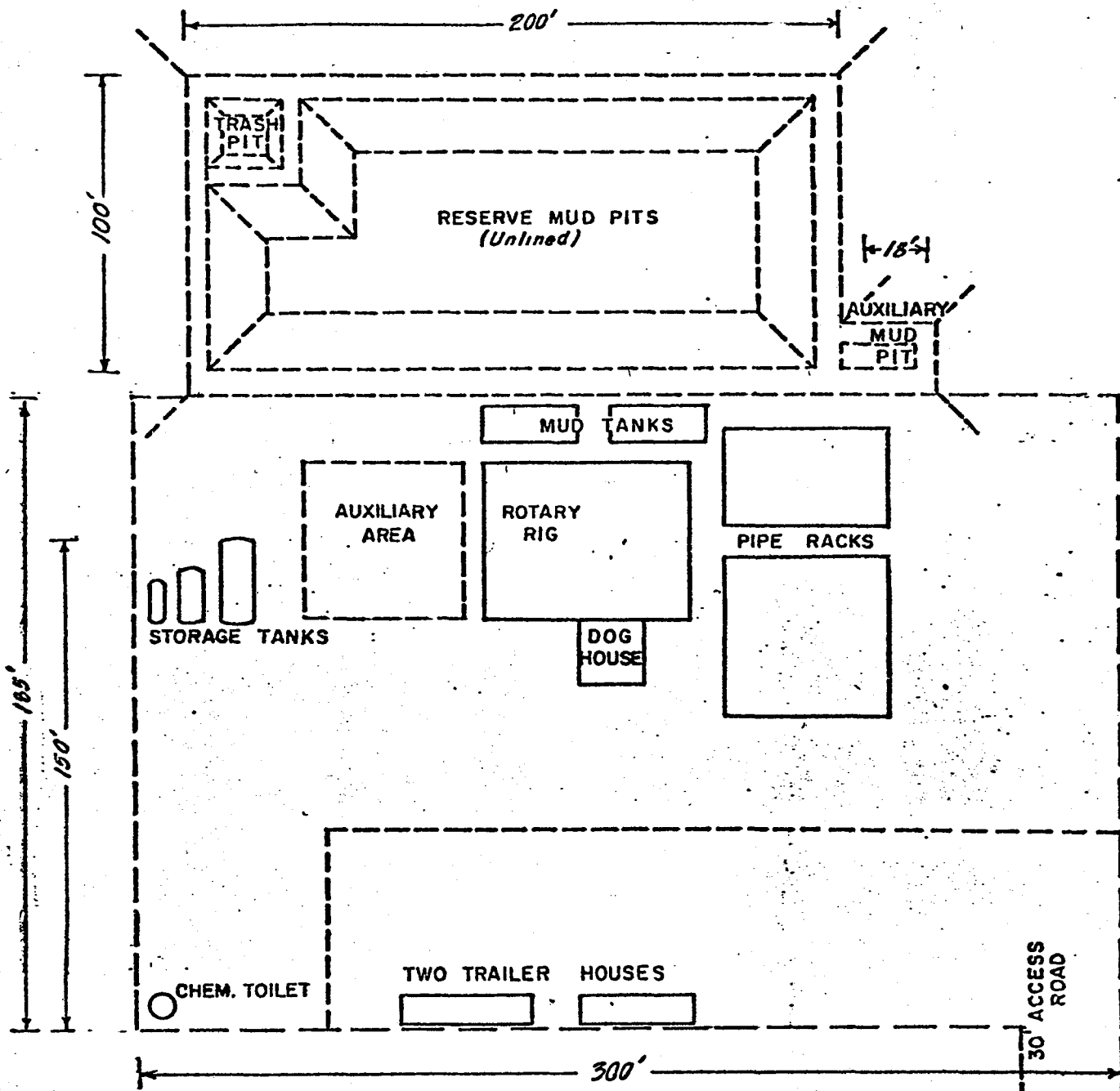
CORTEZ - CASPER DISTRICT
ENGINEERING DEPARTMENT

**SCHEMATIC DIAGRAM OF
PRESSURE CONTROL
EQUIPMENT**

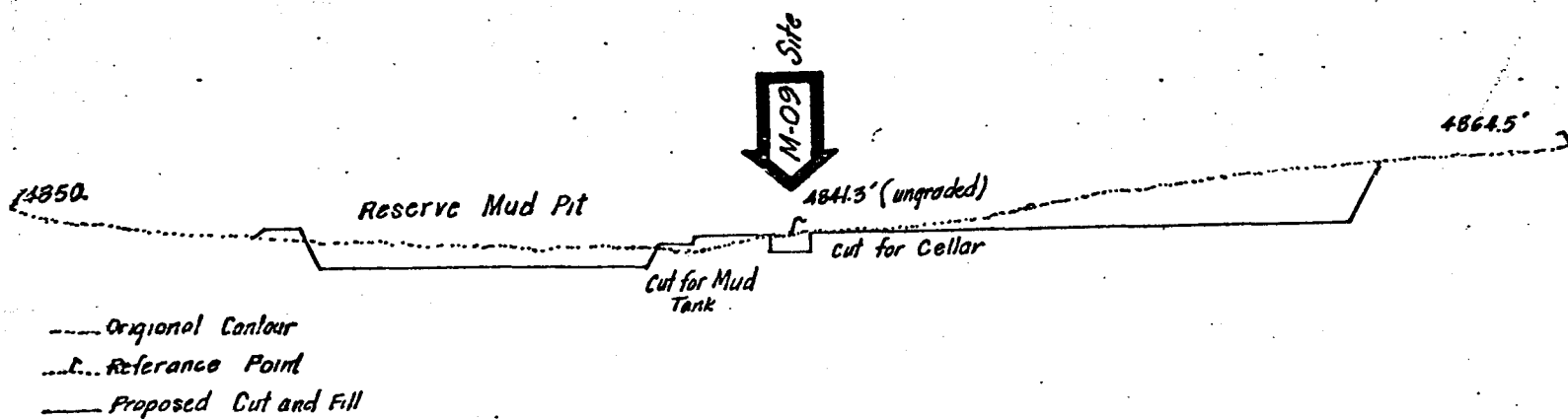
BY MNT
SCALE NONE

DATE
REVISED 8-12-78





THE DRILLING PAD WILL BE GRADED AND COMPACTED, AND COMPOSED OF NATIVE MATERIALS.



THE SUPERIOR OIL CO.		
CORTES - CASPER DISTRICT ENGINEERING DEPARTMENT		
RIG LAYOUT & DRILL PAD CROSS SECTION		
MCU WELL No. M-09		
McELMO CREEK UNIT		
SAN JUAN COUNTY, UTAH		
BY M.K.T.	DATE: 8-12-76	REVISED:
SCALE 1" = 50'		

SUPPLEMENT TO FORM 9-331C

WELL: MCU #M-09.

SURFACE FORMATION WHERE PROPOSED DRILLING IS TO TAKE PLACE: Cedar Mesa

ESTIMATED FORMATION TOPS: (Measured from KB)

Chinle	1620'
DeChelly	2780'
Ismay	5491'
Gothic Shale	5624'
Desert Creek	5634'

WATER BEARING FORMATIONS: Water is expected to be encountered intermittently from 400' to 1620'.

HYDROCARBON BEARING FORMATIONS: Oil and gas are expected to be encountered intermittently from 5500' to 5725'.

MUD PROGRAM:

Surface to 2000' - Water.

2000' to 5500' - Lignosulfonate or similar mud system; no water loss control, weighted as necessary with Barite.

5500' to TD - Lignosulfonate or similar mud system; 15 cc water loss, weighted as necessary with Barite.

CEMENT PROGRAM:

Surface - 100 sx Thix Set cement w/2% CaCl (15.6 ppg, 5.75 water/sx, 1.18 yield) followed by 500 sx Pozmix w/0.6% Halad-22 & 2% CaCl (14.15 ppg, 5.75 water/sx, 1.26 yield) and 100 sx Class "B" w/2% CaCl (15.6 ppg, 5.2 gal water/sx, 1.18 yield).

Production - 250 sx Class "B" with 5#/sx salt, 1/2#/sx Firm Set and 3.4% CFR-2.

LOGGING PROGRAM: CNL/DENSITY/GR - TD to 5200'.

PRESSURE CONTROLS: Blowout preventer equipment will be 10" Series 600 with blind rams and drill pipe rams hydraulically and manually controlled. The blowout equipment will be tested at regular intervals. A schematic of the pressure control equipment can be seen on the following page. The mud system will be monitored by visual inspection.

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: Feb. 28 -
Operator: Superior Oil Co.
Well No: McClus Creek M-09
Location: Sec. 31 T. 40S R. 25E County: San Juan

File Prepared ☒

Entered on N.I.D. ☒

Card Indexed ☒

Completion Sheet ☒

CHECKED BY:

Administrative Assistant Jh

Remarks: all

Petroleum Engineer ak R

Remarks:

Director 2

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required ☐

Survey Plat Required ☐

Order No. 152-2 ☒

Surface Casing Change ☐
to _____

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site ☐

O.K. Rule C-3 ☐

O.K. In McClus Creek Unit ☒

Other:

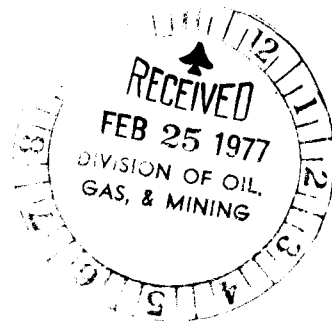
☒ ~~Letter Written~~/Approved

THE SUPERIOR OIL COMPANY

P. O. DRAWER G

CORTEZ, COLORADO 81321

February 18, 1977



Mr. P. T. McGrath
District Engineer
U. S. Geological Survey
P. O. Box 959
Farmington, New Mexico

Re: Surface Use Development Plan
Proposed Well
McElmo Creek Unit #M-09
705' FNL, 604' FEL
Section 31, T40S, R25E
San Juan County, Utah

Dear Mr. McGrath:


The "Surface Use Development Plan" for the proposed McElmo Creek Unit Well #M-09 is as follows:

1. The existing roads and the location of the main highway exit are shown on the attached USGS topographic map.
2. A new 100' X 30' access road is required, as shown on the attached plat. The proposed road will run northwest to the location and will be of compacted sand and gravel with a maximum grade of 1%. The road will be constructed so as to provide for adequate drainage. No major cuts or fills will be necessary.
3. The location and status of wells in the vicinity are shown on the attached plat.
4. The location of existing tank batteries, flow lines and lateral roads in the vicinity of the proposed well are shown on the attached plat. The 2 inch flow line for the proposed well will run 1500' south to an existing flow line.
5. Water for drilling operations will be obtained from the San Juan River.
6. Materials necessary for the construction of the access road and drilling pad will be obtained directly from the construction site. No access roads for the purpose of hauling materials will be necessary.
7. Waste materials will be collected in earth pits. The perimeter of these pits will be fenced with small mesh wire. When drilling operations are complete these earth pits will be backfilled and leveled to the contour of the original landscape. Small portable trailer houses for the company and contract drilling personnel may be on the location. A sufficient number of OSHA approved chemical toilets will be provided and maintained.

8. No permanent campsites or airstrips are anticipated.
9. The location and position of drilling equipment is shown on the attached plat. Included on this plat is a cross section diagram showing cuts and fills necessary for the construction of the drilling pad. The drilling pad will be located approximately at ground level. Native materials from the immediate area will be used in its construction.
10. After the well is completed a 75' X 100' production pad will be constructed. All other disturbed areas not necessary to normal well maintenance will be returned as near as possible to the original contour that existed prior to the commencement of drilling operations.
11. The proposed drillsite is located on a sandstone outcrop north of the San Juan River. Surface land is owned by the Navajo Tribe and is used primarily for grazing. Vegetation consists of sparse desert type ground cover and Tamarisks. There are no Indian habitations or artifacts in the immediate vicinity of the proposed drillsite, access road or flow line.

Very truly yours,

THE SUPERIOR OIL COMPANY


Charles L. Hill

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by THE SUPERIOR OIL COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Feb. 23, '77
Date


Wm. H. Edwards, Area Production Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE
TRIBE Navajo
LEASE NO. 14-20-603-372

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County SAN JUAN Field MC ELMO CREEK

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 19 77,

Agent's address P. O. Box 71 Company THE SUPERIOR OIL COMPANY
Conroe, TEXAS 77301 Signed C. C. Threlkeld

Phone 713-539-1771 Agent's title Petroleum Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (if none, so state)	REMARKS (if drilling, depth if shut down, cause; date and result of test for gasoline content of gas)
Sec. 8 NE-NW	41S	25E	O-17							TD 5768' 3-31-77 Testing
Sec. 18 SW-NW	41S	25E	J-22							TD 5422' 3-31-77 Testing
NE-SW	41S	25E	K-23							TD 5421' 3-31-77 Testing
SW-NE	41S	25E	L-22							TD 5501' 3-31-77 Completing
SW-SE	41S	25E	L-24							TD 5432' 3-31-77 Completing
NE-NE	41S	25E	M-21							TD 5470' 3-31-77 Testing
NE-SE	41S	25E	M-23							TD 5409' 3-31-77 Testing
Sec. 31 SW-NE	40S	25E	L-10							3-31-77 Drilling
NE-NE	40S	25E	M-09							3-31-77 Drilling
NE-SW	40S	25E	Q-11							TD 5690' 3-31-77 Testing

NOTE.—There were runs or sales of oil; M. cu. ft. of gas sold;

..... runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

ALLOTTEE _____
TRIBE Navajo
LEASE NO. 14-20-603-372

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Mc Elmo Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1977,

Agent's address Post Office Box 71 Company The Superior Oil Company
Conroe, Texas 77301 Signed [Signature]

Phone 713/539-1771 Agent's title Petroleum Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (if known, so state)	REMARKS (if drilling, depth; if shut down, cause; also add result of test for gasoline content of gas)
SEC 29										
NE-SW	40S	25E	O-07							TD 6003'
SW-SE	40S	25E	P-08							4-30-77 Completing
										4-30-77 Drilling
SEC 31										
SW-NE	40S	25E	L-10							TD 5594'
										4-30-77 Testing
NE-NE	40S	25E	M-09							TD 5619'
										4-30-77 Completing
NE-SE	40S	25E	M-11							4-30-77 Drilling
SEC 32										
NE-NW	40S	25E	O-09							TD 5988'
										4-30-77 Completing
SEC 36										
SW-SE	40S	25E	H-12							4-30-77 Drilling

NOTE.—There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other										
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other								
2. NAME OF OPERATOR The Superior Oil Company															
3. ADDRESS OF OPERATOR Post Office Box 71, Conroe, Texas 77301															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 705' FNL, 604' FEL, Sec. 31 At top prod. interval reported below Same At total depth Same															
14. PERMIT NO.				DATE ISSUED											
15. DATE SPUDDED 3-14-77		16. DATE T.D. REACHED 4-2-77		17. DATE COMPL. (Ready to prod.) 5-4-77		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4854' KB		19. ELEV. CASINGHEAD 4841'							
20. TOTAL DEPTH, MD & TVD 5720'		21. PLUG, BACK T.D., MD & TVD 5720'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0' - 5720'		24. ROTARY TOOLS None							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5584-5600' Ismay 5628-94' Desert Creek Zone 1								25. WAS DIRECTIONAL SURVEY MADE No							
26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron - Formation Density								27. WAS WELL CORED No							
28. CASING RECORD (Report all strings set in well)															
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
8 5/8"		24 #		1645'		12 1/4"		700 sxs lite wt & class B		None					
5 1/2"		14 & 15.5#		5720'		7 7/8"		250 sxs class B		None					
29. LINER RECORD										30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
										2 7/8"		5513'		None	
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
5584 - 5600' (1 jet/ft)										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
5628 - 46' (1 jet/ft)										5628 - 94'		27,180 gal. HCl acid			
5662 - 94' (1 jet/ft)										5584 - 5600'		3,000 gal. HCl acid			
33.* PRODUCTION															
DATE FIRST PRODUCTION 5-4-77		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - Downhole electric pump								WELL STATUS (Producing or shut-in) Producing					
DATE OF TEST 5-17-77		HOURS TESTED 24		CHOKE SIZE N/A		PROD'N. FOR TEST PERIOD 280		OIL—BBL. No Test		GAS—MCF. 534		WATER—BBL. 41.0		GAS-OIL RATIO	
FLOW. TUBING PRESS. 150 psi		CASINO PRESSURE 0		CALCULATED 24-HOUR RATE 280		OIL—BBL. No Test		GAS—MCF. 534		WATER—BBL. 41.0		OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold										TEST WITNESSED BY C. L. Hill					
35. LIST OF ATTACHMENTS Logs															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED C. C. Garrett		TITLE Operations Engineer								DATE May 19, 1977					

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, shown; the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			No Cores or DST's

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Ismay	5478'		
Gothic Shale	5618'		
Desert Creek	5676'		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐
2. NAME OF OPERATOR
THE SUPERIOR OIL COMPANY
3. ADDRESS OF OPERATOR
P. O. DRAWER "G", CORTEZ, COLORADO 81321
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

- ☒
☐
☐
☐
☐
☐
☐
☐

5. LEASE 14-20-603-372
6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
7. UNIT AGREEMENT NAME McELMO CREEK UNIT
8. FARM OR LEASE NAME
9. WELL NO. M-09
10. FIELD OR WILDCAT NAME GREATER ANETH
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SECTION 31-T40S-R25E
12. COUNTY OR PARISH SAN JUAN
13. STATE UTAH
14. API NO. 43-037-30352
15. ELEVATIONS (SHOW DF, KDB, AND WD) 4843 GL. 4856 KB

(NOTE: Report results of multiple completions or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- Spudded in @ 23:15 hrs. 3-14-77. Drld 12-1/4" to TD of 1645' @ 5:30 hrs 3-17-77.
- Ran 37 jts. 8-5/8" 24#, K-55, ST&C new casing w/float shoe and collar to TD of 1645'. Four spiral centralizers are spaced out on btm. 3 jts. cmt'd w/600 sxs Litwate cmt w/10# sx Gilsonite, followed w/100 sxs class 'B' cmt w/2% CaCl. Circ. 22 BBLs good cmt. Annulus fell 20 BBLs & stopped. WOC 5 hrs. Cut off 8-5/8" csg. Welded on 5-5/8" csg head, made up 12" Series 900 BOPS. Tstd blind rams, pipe rams, choke manifold, all valves and kelly stop to 1600 psi. ok. WOC total of 18 hrs. Drilling ahead.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED J. R. Oberlander TITLE ENGINEER DATE Jan. 11, 1979
J. R. OBERLANDER

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

SGS- 3, State - 2, Navajo Tribe - 1, T. W. Cooley, J. I. Burleigh, G. A. Bannantine,
. N. Mosley, File

Mobil Oil Corporation

P.O. BOX 5444
DENVER, CO 80217

January 14, 1985

Utah Division of Oil, Gas and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Dianne Nielson, Director

RECEIVED

FEB 01

DIVISION OF OIL
GAS & MINING

RE: NOTICES TO SUPERIOR OIL COMPANY

Dear Ms. Nielson:

As a result of the merger which became effective on September 28, 1984, The Superior Oil Companies ("Superior") is now a wholly owned subsidiary of Mobil Corporation.

Effective January 1, 1985, Mobil Oil Corporation began acting on behalf of the Superior Oil Companies as service contractor for the purpose of performing comprehensive business management and related administrative services. To this end, Superior has entered into a Services Agreement with Mobil and has issued Powers of Attorney to certain Mobil employees, whereby Mobil has agreed to perform all of Superior's obligations and duties, and shall be entitled to enforce all of Superior's rights and privileges, including but not limited to all applicable Operating Agreements and leases (see attached). This shall include, without limitation, the making and receiving of payments, the giving and receiving of notices and other information, and the performance of all other related functions. Therefore, after December 31, 1984, notices to Superior or relative to its interests, assets or obligations should designate Mobil and be mailed to:

Mobil Oil Corporation
P.O. Box 5444
Denver, Colorado 80217-5444
Attention: R. D. Baker

PERMITS ONLY

(303) 298-2577

RON

Enclosed is a list of all Superior wells. This list includes the well names, locations, API numbers and producing zone (if applicable).

We appreciate your consideration and cooperation. If you have any questions, please direct them to the undersigned.

Very truly yours,

R. D. Baker

R. D. Baker
Environmental & Regulatory Manager - West

Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRI DATE*
(either instructions on re-
verse side)

Form Approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

OIL WELL ☐ GAS WELL ☐ OTHER ☐

CATHODIC PROTECTION

2. NAME OF OPERATOR

SUPERIOR OIL COMPANY, through its Agent, MOBIL OIL CORP.

3. ADDRESS OF OPERATOR

P. O. DRAWER 'G', CORTEZ, COLORADO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)

At surface

705' FNL, 604' FEL

RECEIVED
OCT 04 1985

14. PERMIT NO.

43-037-30352

15. ELEVATIONS (Show whether DF, RT, or L)

4841' GL

EXPLORATION OF OIL
GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-372

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

MCELMO CREEK

8. FARM OR LEASE NAME

MCELMO CREEK

9. WELL NO.

M-09

10. FIELD AND POOL, OR WILDCAT

GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec.31, T40S, R25E, SLM

12. COUNTY OR PARISH

SAN JUAN

13. STATE

UTAH

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

To maximize effective corrosion control of metallic piping and structures down hole and above ground, Mobil Oil Corporation, Agent for Superior Oil Company, proposes to construct an electrified cathodic protection system consisting of a subsurface graphite anode bed connected to an above ground rectifier which has a lead connected to the well casing.

The construction will consist of a trench, 140' long, 6' deep and 2' wide in the old reserve pit area of the well location. All construction will be confined to existing disturbed area of well location. Existing electrical power to the well will be used for this cathodic protection system.

The construction area has previously been cleared archaeologically by the National Park Service per NTM 77-45 dated March 1, 1977.

18. I hereby certify that the foregoing is true and correct

SIGNED

Chyk J. Benally
C. J. Benally

TITLE Sr. Regulatory Coordinator

DATE 9/28/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attn: R. J. Firth
Associate Director

RECEIVED
MAY 16 1986

DIVISION OF
OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,



CNE/rd
CNE8661

R. D. Baker
Environmental Regulatory Manager

WESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2)
 FOR THE CORTEZ SUPERVISOR AREA
 FOR THE GREATER ANETH FIELD 05/13/86

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TOWNSHIP	RNG	WELL TYPE	STATUS	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
MC ELHO CREEK	K-24	SAN JUAN	UT	SE	SW	18-41S-25E	INJ	OP	43-037-05406	14-20-603-263		96-004190
	K-25	SAN JUAN	UT	NE	NW	19-41S-25E	PROD		43-037-31186	14-20-603-264		96-004190
	K-26	SAN JUAN	UT	SE	NW	19-41S-25E	PROD	OP	43-037-05340	14-20-603-264		96-004190
	L-09	SAN JUAN	UT	NW	NE	31-40S-25E	INJ	OP	43-037-16359	14-20-603-372		96-004190
	L-10	SAN JUAN	UT	SW	NE	31-40S-25E	PROD	SI	43-037-30351	14-20-603-372		96-004190
	L-11	SAN JUAN	UT	NW	SE	31-40S-25E	INJ	OP	43-037-15958	14-20-603-372		96-004190
	L-12	SAN JUAN	UT	SW	SE	31-40S-25E	PROD	OP	43-037-30040	14-20-603-372		96-004190
	L-13	SAN JUAN	UT	NW	NE	06-41S-25E	INJ	OP	43-037-15959	14-20-603-372		96-004190
	L-14	SAN JUAN	UT	SW	NE	06-41S-25E	PROD	OP	43-037-30323	14-20-603-372		96-004190
	L-15	SAN JUAN	UT	NW	SE	06-41S-25E	INJ	OP	43-037-15960	14-20-603-372		96-004190
	L-16	SAN JUAN	UT	SW	SE	06-41S-25E	PROD	OP	43-037-30324	14-20-603-372		96-004190
	L-17	SAN JUAN	UT	NW	NE	07-41S-25E	INJ	OP	43-037-05613	14-20-603-263		96-004190
	L-18	SAN JUAN	UT	SW	NE	07-41S-25E	PROD	OP	43-037-30319	14-20-603-263		96-004190
	L-19	SAN JUAN	UT	NW	SE	07-41S-25E	INJ	OP	43-037-05539	14-20-603-263		96-004190
	L-20	SAN JUAN	UT	SW	SE	07-41S-25E	PROD	OP	43-037-30313	14-20-603-263		96-004190
	L-21	SAN JUAN	UT	NW	NE	18-41S-25E	INJ	OP	43-037-05471	14-20-603-263		96-004190
	L-22	SAN JUAN	UT	SW	NE	18-41S-25E	PROD	OP	43-037-30347	14-20-603-263		96-004190
	L-23	SAN JUAN	UT	NE	SE	18-41S-25E	INJ	OP	43-037-15507	14-20-603-263		96-004190
	L-24	SAN JUAN	UT	SW	SE	18-41S-25E	PROD	OP	43-037-30339	14-20-603-263		96-004190
	L-25	SAN JUAN	UT	NW	NE	19-41S-25E	INJ	OP	43-037-15508	14-20-603-264		96-004190
	L-27	SAN JUAN	UT	NW	SE	19-41S-25E	PROD	OP	43-037-15509	14-20-603-264		96-004190
	M-09	SAN JUAN	UT	NE	NE	31-40S-25E	PROD	OP	43-037-30352	14-20-603-372		96-004190
	M-10	SAN JUAN	UT	SE	NE	31-40S-25E	PROD	OP	43-037-15961	14-20-603-372		96-004190
	M-11	SAN JUAN	UT	NE	SE	31-40S-25E	PROD	OP	43-037-30354	14-20-603-372		96-004190
	M-12	SAN JUAN	UT	SE	SE	31-40S-25E	INJ	OP	43-037-15962	14-20-603-372		96-004190
	M-12B	SAN JUAN	UT	NE	SE	31-40S-25E	PROD	TA	43-037-30416	14-20-603-372		96-004190
	M-13	SAN JUAN	UT	NE	NE	06-41S-25E	PROD	OP	43-037-30320	14-20-603-372		96-004190
	M-14	SAN JUAN	UT	SE	NE	06-41S-25E	INJ	OP	43-037-15963	14-20-603-372		96-004190
	M-15	SAN JUAN	UT	NE	SE	06-41S-25E	PROD	OP	43-037-30315	14-20-603-372		96-004190
	M-16	SAN JUAN	UT	SE	SE	06-41S-25E	INJ	OP	43-037-16361	14-20-603-372		96-004190

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

071105

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to different depths.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-372	
2. NAME OF OPERATOR MORTIL OIL CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO	
3. ADDRESS OF OPERATOR P.O. DRAWER 'G', CORTEZ, CO 81321		7. UNIT AGREEMENT NAME MCELMO CREEK	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 705' FNL, 604' FEL		8. FARM OR LEASE NAME -	
14. PERMIT NO. 43. 037. 30352		9. WELL NO. M-09	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) DF: 4853'		10. FIELD AND POOL, OR WILDCAT GREATER ANETH	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 31, T40S, R25E	
		12. COUNTY OR PARISH SAN JUAN	
		13. STATE UTAH	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	TEMPORARILY ABANDON <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

06/17/86 MIRU. POOH w/ rods and pump. Made 3 swab runs. Tbg swabbed dry. Csg full of fluid. Unable to pull tbg.
06/18/86 Ran free-point to 3852'. Tbg plugged. Cut off tbg @ 3848'. POOH w/ 121 jts tbg. RIH w/ fishing tools.
06/19/86 Fin RIH w/ fishing tools. Washed over 62'. POOH. RIH w/ overshot. Jarred on fish 1-1/2 hrs. Unable to move tbg. POOH. Cut tbg @ 3908' and POOH w/ 2 jts.
06/20/86 RIH w/ overshot and caught fish. Ran sinker bar to seating nipple. POOH. Ran free-point. Tbg stuck from 3919'. Circ out red water. Cut tbg @ 4545'. Still circ out red water and cement. POOH w/ 12 stds.
06/21/86 Fin POOH. Rec. 634' fish. RIH w/ 4-11/16" swedge. Swedged out tight spot @ 3927'. POOH. RIH w/ overshot, caught fish. RIH w/ string shot. Overshot came off. POOH.
06/22/86 SD for Sunday.
06/23/86 Fin POOH. C/O tools and RIH. Caught fish and jarred 1/2 hr. Ran string shot to 4562'. Tbg plugged. POOH w/ tbg.

(Continued on attached page)

18. I hereby certify that the foregoing is true and correct

SIGNED

D. C. Collins

TITLE

Sr Staff Op Engr

DATE

7/07/86

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 7-10-86

BY: John R. Bay

*See Instructions on Reverse Side

McElmo Creek Unit M-09

06/24/86 C/O tools. RIH w/ overshot. Caught fish. RIH w/ coiled tbg and CO fill in tbg from 4562' to 5690'. Ran free point. Tbg stuck 5660' to 5690'. Cut tbg @ 5588'. POOH w/ 155 jts.

06/25/86 Fin POOH w/ tbg and fish. RIH w/ tools. Washed over 15' fish. Unable to wash below 5600'. Lost circ. POOH

06/26/86 RIH w/ overshot and tools. Unable to run below 3925'. POOH. RIH w/ 4-3/4" swedge and swedged out csg @ 3925'. POOH. RIH w/ Baker CIBP. Unable to get below 3925'. POOH. RIH w/ 4-3/4" string mill.

06/27/86 Fin RIH. Milled out tight spot. POOH. RIH w/ CIBP and set @ 5500'. POOH. Spotted 55' cement on top of plug.

06/28/86 SD for weekend.

06/29/86 SD for weekend.

06/30/86 RIH w/ 167 jts tbg. Laid down rods. Circ in inhibited FW. RDMO.

NOTE: Obtained verbal approval 6/26/86 to TA well from Mr. Steve Mason.

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

SUBJECT IS INDICATED

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED
MAR 04 1988

1. Oil Well ☒ Gas Well ☐ Other ☐

2. Name Of Operator

MOBIL OIL CORPORATION

3. Address Of Operator

P.O. DRAWER G. CORTZ, CO. 81321

4. Location Of Well

705' PNL, 604' PRL SEC. 31, T.40S., R.25E., SLN

5. Lease Designation And Serial No
14-20-603-372

6. Indian, Allottee Tribe Name
NAVAJO POW/15-OC

7. Unit Agreement Name
MCKENNA CREEK UNIT

8. Farm Or Lease Name

9. Well No. 031006

10. Field And Pool, Or Wildcat
GREATER ANETH

11. Sec., T., R.,
SEC. 31, T.40S., R.25E.

12. County SAN JUAN 13. State UTAH

14. Permit No.

43-037-30352

15. Elevation

DE: 4929'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

Notice Of Intention To :

Subsequent Report Of :

Test Water Shut-off ☐ Pull Or Alter Casing ☐

Water Shut-off ☐ Repairing Well ☐

Fracture Treat ☐ Multiple Complete ☐

Fracture Treatment ☐ Altering Casing ☐

Shoot Or Acidize ☐ Abandon ☐

Shooting Or Acidizing ☐ Abandonment ☐

Repair Well ☐ Change Plans ☐

(Other) ☐

(Other) EXTENSION OF TEMPORARY ABANDONMENT ☒

17. Describe Proposed Or Completed Operations

Mobil Oil requests approval for extension of temporary abandonment status for MCU M-09.
The subject well will be returned to production prior to June 1, 1988.

18. I hereby certify that the foregoing is true and correct

Signed P.S. HEIDE

P.S. Heide

Title ENGINEER

Date 02/29/88

Approved By

Title

Date

Conditions Of Approval If Any:

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

SUBMIT IN TRIPLICATE
5. Lease Designation And Serial No
14-20-603-372
6. Indian, Allottee Tribe Name
NAVAJO
7. Unit Agreement Name
MCCLMO CREEK UNIT
8. Farm Or Lease Name
9. Well No.
M-09
10. Field And Pool, Or Wildcat
GREATER ANETH
11. Sec., T., R.,
SEC. 31, T40S, R25E
12. County
SAN JUAN
13. State
UTAH

1. Oil Well ☒ Gas Well ☐ Other ☐
2. Name Of Operator
MOBIL OIL CORPORATION
3. Address Of Operator
P.O. DRAWER G. CORTEZ, CO. 81321
4. Location Of Well
705' ENL, 604' EEL SEC. 31, T.40S., R.25E., SLM

14. Permit No. 15. Elevation
DE: 4929'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data
Notice Of Intention To : Subsequent Report Of :
Test Water Shut-off ☐ Pull Or Alter Casing ☐ Water Shut-off ☐ Repairing Well ☐
Fracture Treat ☐ Multiple Complete ☐ Fracture Treatment ☐ Altering Casing ☐
Shoot Or Acidize ☐ Abandon ☐ Shooting Or Acidizing ☐ Abandonment ☐
Repair Well ☐ Change Plans ☐ (Other) ☐
(Other) EXTENSION OF TEMPORARY ABANDONMENT ☒

17. Describe Proposed Or Completed Operations

Mobil Oil requests approval for extension of temporary abandonment status for MCO M-09.
The subject well will be returned to production prior to June 1, 1989.

COPY

RECEIVED
JUL 26 1988

DIVISION OF
OIL, GAS & MINING

8. I hereby certify that the foregoing is true and correct

Signed M.T. BALOG M. T. Balog Title SENIOR OPERATIONS ENGINEER Date 7/21/88

Approved By Title

Conditions Of Approval Federal approval of this action
is required before commencing
operations

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 7-23-88
BY: John R. Bay

RECEIVED
JUL 12 1989

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

1. Oil Well ☒ Gas Well ☐ Other:

2. Name of Operator
MOBIL OIL CORPORATION

3. Address of Operator
P. O. DRAWER 6, CORTEZ, CO. 81321

4. Location of Well

705' FNL, 604' FEL SEC. 31, T.40S., R.25E., SLM

14. Permit No. 43-037-30352
15. Elevations (DF, RT, GR)
DF 4929'

5. Lease Designation &
Serial No.
14-20-603-372

6. If Indian, Allottee or Tribe Name
NAVAJO

7. Unit Agreement Name
McELMO CREEK UNIT

8. Farm or Lease Name
McELMO CREEK

9. Well No.
M-09

10. Field and Pool, or Wildcat
GREATER ANETH

11. Sec. T,R,M or BLK and
Survey or Area
SEC.31 T40S, R25E

12. County, Parish 13. State
SAN JUAN UTAH

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

Notice of Intention To:

Test Water Shut-off ☐ Pull or Alter Casing ☐
Fracture Treat ☐ Multiple Complete ☐
Shoot or Acidize ☐ Abandon ☒ ☐
Repair Well ☐ Change Plans ☐
(Other) ☐

Subsequent Report of:

Water Shut-off ☐ Repairing Well ☐
Fracture Treatment ☐ Altering Casing ☐
Shooting/Acidizing ☐ Abandonment ☐
(Other) ☐

(NOTE: Report results of multiple completion on
Well Completion or Recompletion Report and Log Form.)

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zone pertinent to this work) :

Mobil Oil requests approval for the Plugging and Abandonment of McElmo Creek Producing Well # M-09. A part in the 5 1/2" production casing was discovered in May of this year while attempting to run a casing inspection log. The well has been temporarily abandoned since 7/86 when an attempt to fish a stuck tubing anchor was abandoned. The area of the casing part is at 3927' GL. Calculated top of cement on production string is 4050' which is above the Hermosa formation top. Surface pipe is set at 1645, cemented to surface (Chinle @ 1620') and is adequate to protect the base of fresh water from contamination in this area. Instead of attempting another fishing job to recover the stuck tubing anchor and tubing, Mobil proposes to plug the entire production casing with cement from the current PBTD (5500' GL) to surface and to squeeze the area of the casing breach. See attached P&A procedure for details. If there are any questions concerning this request, please contact M. T. Balog at (801)-651-3264 ext. 509.

18. I hereby certify that the foregoing is true and correct

Signed:

M. T. Balog

Title: Operations Engineer

Federal approval of this action
is required before commencing
operations

ACCEPTED BY THE STATE
OF UTAH - DIVISION OF
OIL, GAS, AND MINING

DATE:

7-20-89

BY:

John R. Bays

(This space for Federal or State office use)

APPROVED BY _____ TITLE: _____ DATE: _____

CONDITIONS OF APPROVAL, IF ANY:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

MCELMO CREEK UNIT M-09
GREATER ANETH FIELD
SAN JUAN COUNTY, UTAH

PLUG AND ABANDONMENT PROCEDURE

1. MIRU. Nipple up BOPE.
2. ROH with tubing and tally.
3. RIH with tubing and tag the top of cement plug.
4. RU cementing company.
5. Circulate in 523 sacks of neat class G cement to 3900'.
6. RIH with cement retainer and set at 3890'.
7. Cut long string at 50' below surface and POH with casing.
8. Stab into retainer and squeeze 50 sacks of neat class G cement.
9. Fill hole to surface with 1337 sacks of neat class G cement.
10. Cut off wellhead and weld on dry hole marker. Restore location as per BLM requirements.

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 27 1989

DIVISION OF
OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

5. Lease Designation &
Serial No.

14-20-603-372

6. If Indian, Allottee or Tribe Name
NAVAJO

1. Oil Well ☒ Gas Well ☐ Other:

2. Name of Operator
MOBIL OIL CORPORATION

3. Address of Operator
P. O. DRAWER 6, CORTEZ, CO. 81321

4. Location of Well

705' FNL, 604' FEL SEC. 31, T.40 S., R.25 E., SLM

7. Unit Agreement Name
McELMO CREEK UNIT

8. Farm or Lease Name
McELMO CREEK

9. Well No.
M-09

10. Field and Pool, or Wildcat
GREATER ANETH

11. Sec. T,R,M or BLK and
Survey or Area
SEC.31,T40S,R25E

14. Permit No. 15. Elevations (DF, RT, GR)
43-037-30352 DF 4929'

12. County, Parish 13. State
SAN JUAN UTAH

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

Notice of Intention To:

Subsequent Report of:

Test Water Shut-off ☐ Pull or Alter Casing ☐
Fracture Treat ☐ Multiple Complete ☐
Shoot or Acidize ☐ Abandon ☐
Repair Well ☐ Change Plans ☐
(Other) ☐

Water Shut-off ☐ Repairing Well ☐
Fracture Treatment ☐ Altering Casing ☐
Shooting/Acidizing ☐ Abandonment ☒ ☒
(Other) ☐

(NOTE: Report results of multiple completion on
Well Completion or Recompletion Report and Log Form.)

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zone pertinent to this work) :

07/15/89 MIRU. Nipple up BOPE, POOH and tally 167 joints of 2 7/8" tubing. RIH with tubing open ended and shut in well.

07/17/89 Pick-up 3 joints of 2 7/8" tubing and tag top of fill at 5328', approximately 172' of fill on top of CIBP at 5500'. Called Steve Mason and asked if fill had to be cleaned off plug before plugging operations started. Permission to start plugging well without removing fill. Rig up Dowell. Mixed and pumped 190 sacks of 50/50 Pozmix class 6 cement from 5328' to 3930'. POOH and laid down 45 joints of tubing, tubing tail at 3930'. Circulated hole from 3930' to surface with fresh water. POOH and stand back 124 joints of tubing in derrick. RIH w/ baker cement retainer at 3900' to squeeze hole in casing at 3925'. Mixed and pumped 11 sacks 50/50 Pozmix class 6 cement below retainer to 3000 psi maximum pressure. Stung out of retainer and pumped 290 sacks of 50/50 Pozmix class 6 cement (14.5 PPG slurry) from 3900' to 1700'. POOH and laid down 72 joints of tubing. With end of tubing at 1700' circulated hole to surface with fresh water. POOH with remaining tubing and shut in well for night.

07/18/89 MIRU Jet West perforators. Perforated 5 1/2" casing at 1659' with 4 SPF. Rig down wireline company. RIH w/ baker cement retainer and set at 1640'. Established circulation between 8 5/8" surface pipe & 5 1/2" casing strings. Mixed and pumped 225 sacks of 50/50 Pozmix class 6 cement below retainer.

Stung out of retainer and pumped 225 sacks of 50/50 Pozmix class 6 cement (14.5 PP6 slurry) from 1640' to surface. POOH and lay down tubing. Rigged up HOMCO and cut 5 1/2" casing 55' below surface flange and pulled casing out of hole. Filled inside of 5 1/2" & 8 5/8" casing strings with 50/50 Pozmix class 6 cement (14.5 PP6 slurry) to surface. Rig down and move off location.
07/19/89 Cut off 8 5/8" casing head and install dry hole marker.

18. I hereby certify that the foregoing is true and correct

Signed: M. T. Balog Title: Staff Operations Engineer Date: 07/24/89

(This space for Federal or State office use)

APPROVED BY _____ TITLE: _____ DATE: _____

CONDITIONS OF APPROVAL, IF ANY:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.